

Claims

We claim:

1. A method comprising the steps of:
5 receiving a carrier signal;
continuously monitoring the carrier signal for a first predetermined
condition and a second predetermined condition;
if the first predetermined condition is satisfied, transmitting data;
if the first predetermined condition subsequently is not satisfied, ceasing
10 transmission of the data; and
if a second predetermined condition is satisfied, ceasing transmission of
data.
2. The method of claim 1 wherein the first predetermined condition is
15 satisfied when a received power level exceeds a threshold.
3. The method of claim 1 wherein the second predetermined condition is
satisfied when a received power level exceeds a threshold.
- 20 4. The method of claim 1 wherein the first predetermined condition is
satisfied when a predetermined synchronization pulse is received.
5. The method of claim 1 wherein the first and second predetermined
conditions are random.
25

6. At least a first device comprising:
A receiver for receiving a carrier signal;
A monitor, coupled to the receiver, for continually monitoring the carrier
signal;
5 A storage medium having data stored therein; and
A transmitter, coupled to the receiver, the monitor, and the storage
medium, for transmitting at least a portion of the data when a first and a second
condition are satisfied.
- 10 7. At least the first device of claim 6 wherein the first and second conditions
of a first device are the same as the first and second conditions of a second device.
8. At least the first device of claim 7 wherein the first and second devices
transmit simultaneously.
- 15 9. At least the first device of claim 6 wherein the first and second conditions
of a first device are different than the first and second conditions of a second
device.
- 20 10. At least the first device of claim 9 wherein the first and second devices
transmit simultaneously.
11. At least the first device of claim 6 wherein at least one of the first and
second conditions are randomly assigned.
- 25 12. At least the first device of claim 6 wherein at least one of the first and
second conditions are uniformly distributed.
13. At least the first device of claim 6 wherein the first and second conditions
30 are satisfied when a power level falls within a given range.